

What is claimed is:

1. An optical fiber unit installation apparatus comprising:
an optical fiber unit supplier;
5 a blowing head having an entrance into which an optical fiber unit supplied from the optical fiber unit supplier is introduced, and an exit communicated with the entrance and combined with an installation tube for air pressure installation;
a pressing unit for applying air pressure to the optical fiber unit introduced into the blowing head so that the optical fiber unit is inserted into the installation tube; and
10 a fiber sealing unit which is an aggregation of fur-type elastic fibers mounted in an advancing path of the optical fiber unit through the blowing head, the fiber sealing unit preventing leakage of fluid by surrounding the inserted optical fiber unit so that fiber ends thereof are contacted with the optical fiber unit.
- 15 2. An optical fiber unit installation apparatus according to claim 1, further comprising a driving roller unit for pushing the optical fiber unit into the installation tube with rotating on both sides of the optical fiber unit.
- 20 3. An optical fiber unit installation apparatus according to claim 1, wherein the fur-type fiber has a function of eliminating static electricity.
4. An optical fiber unit installation apparatus according to claim 3, wherein the fur-type fiber is an organic fiber or an acrylic fiber.

5. An optical fiber unit installation apparatus according to claim 3, wherein the fur-type fiber is a polymer fiber.

5 6. An optical fiber unit installation apparatus according to claim 5, wherein the polymer fiber contains carbon, metal or metal ion.

7. An optical fiber unit installation apparatus according to claim 5, wherein the polymer fiber is a polyethylene or polypropylene copolymer.

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8. An optical fiber unit installation apparatus according to claim 1, wherein the fur-type fiber is inclined toward an advancing direction of the optical fiber unit.